



Water Supply Update

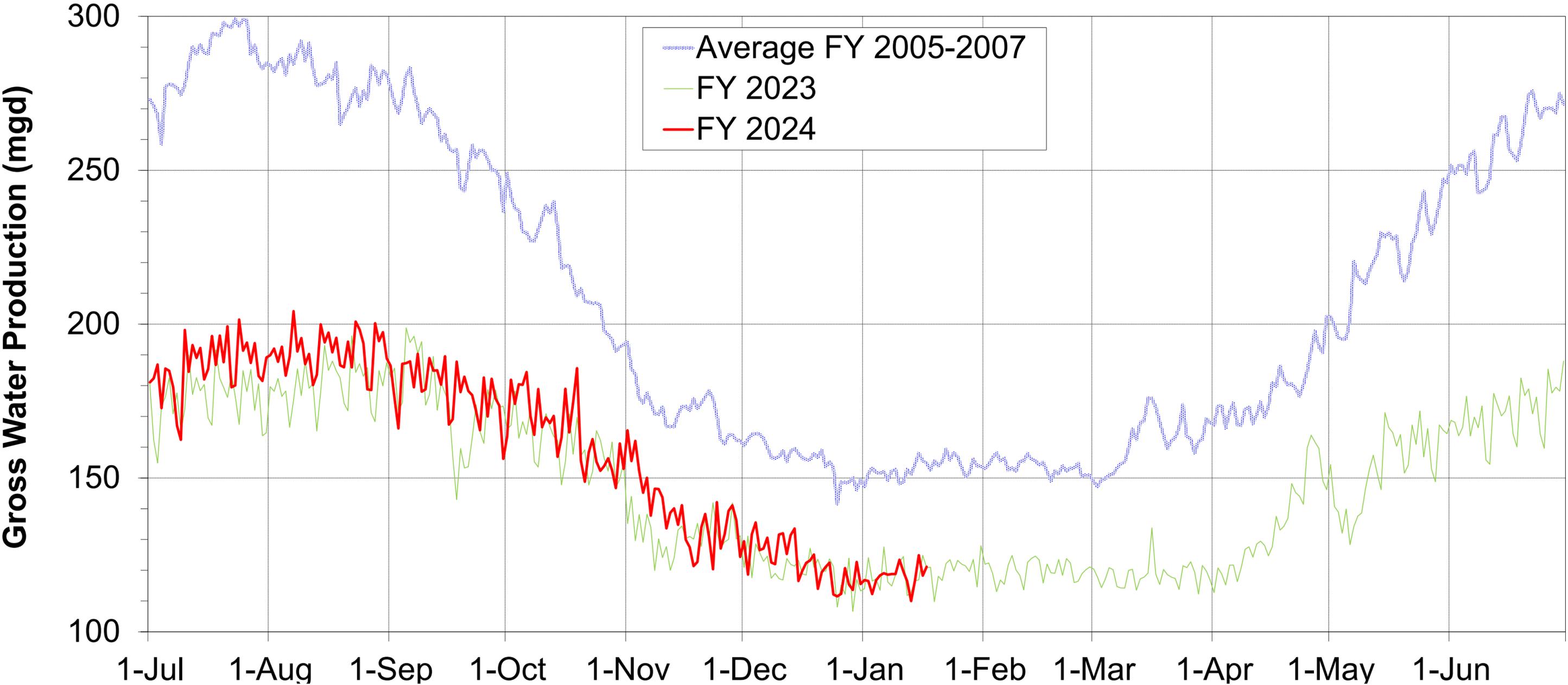
Board of Directors
January 23, 2024

Water Supply Briefing

- Current Water Supply
- California Water Supply
- Water Supply Projections

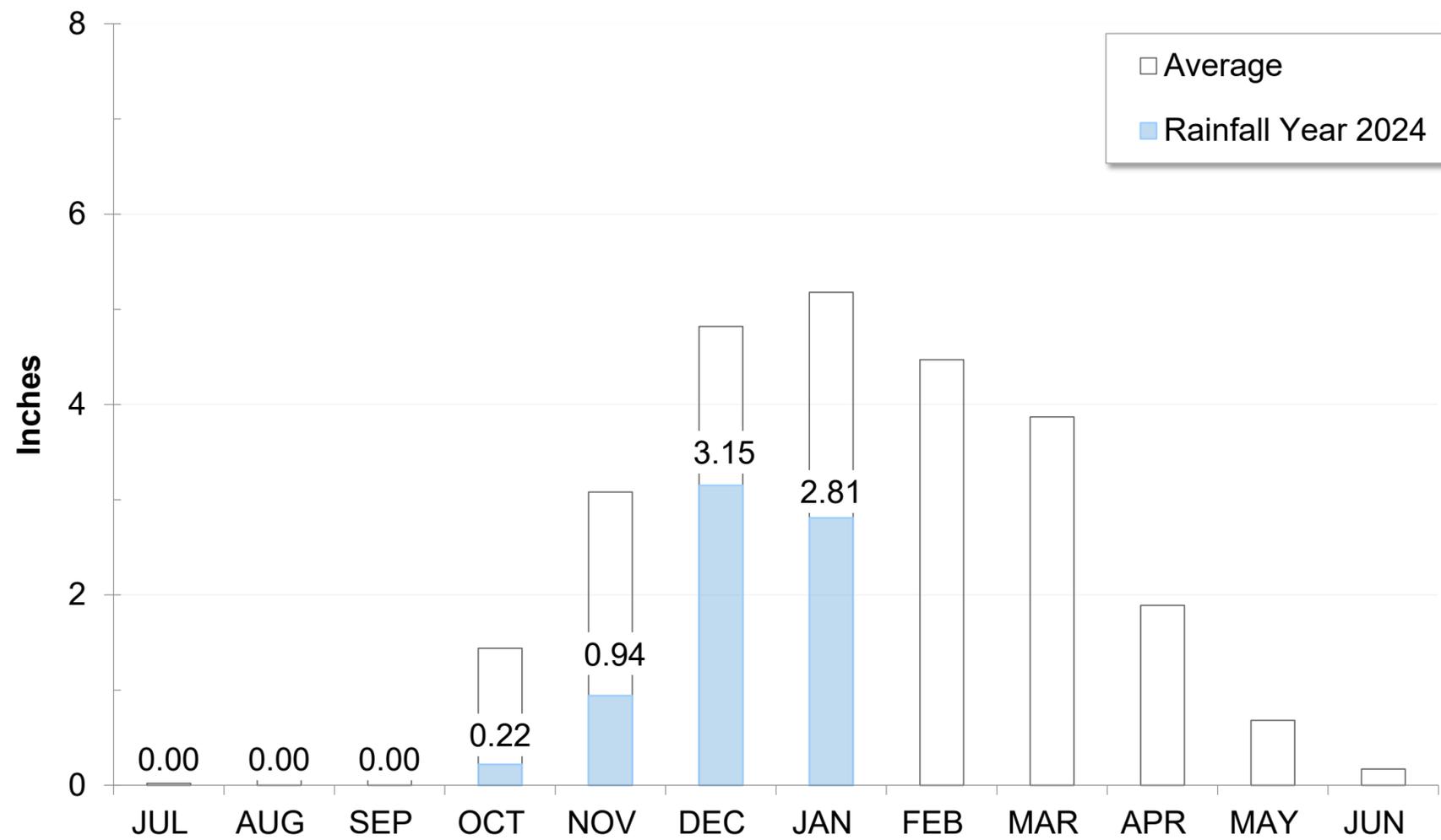
Current Water Supply

Gross Water Production



Precipitation as of January 17

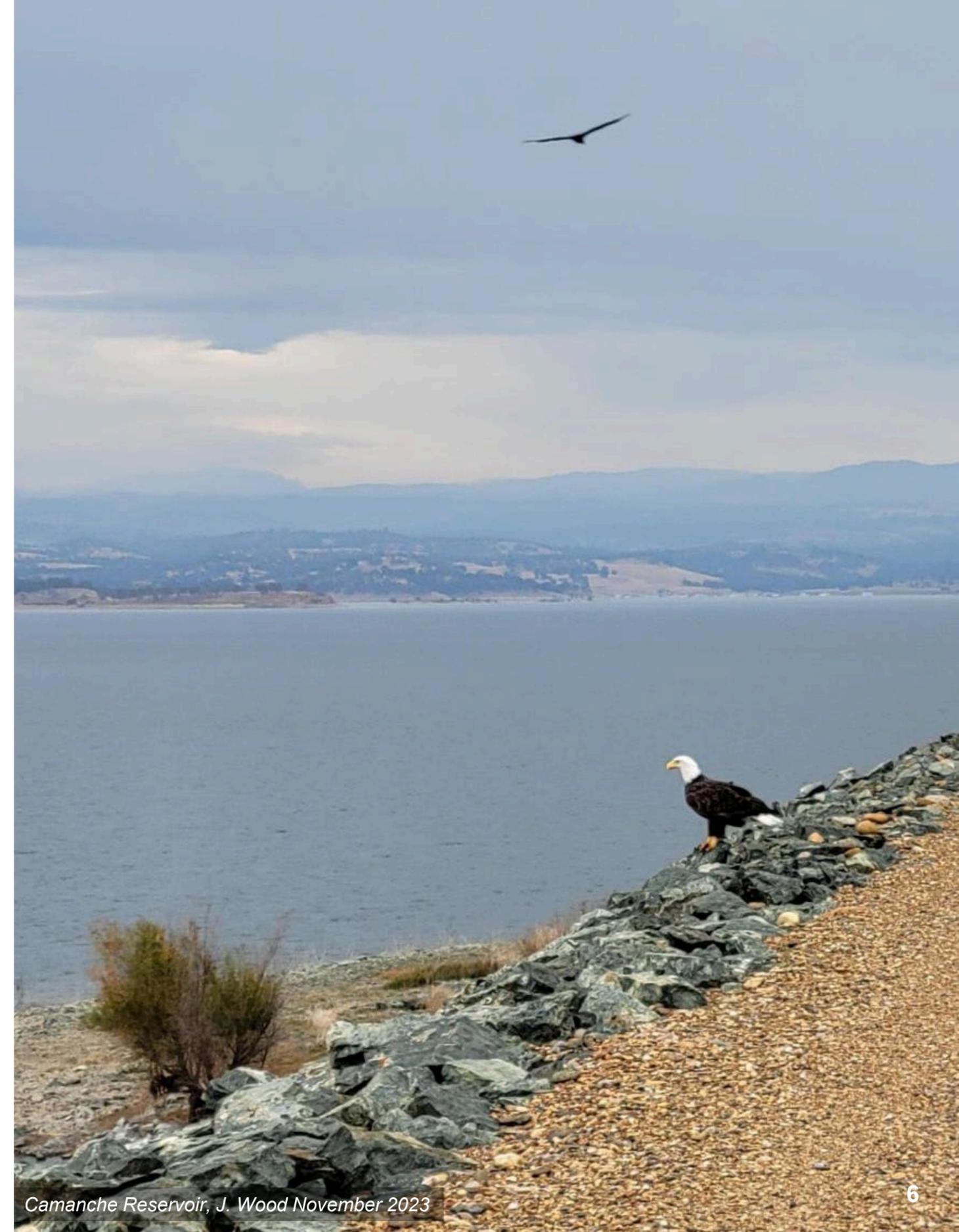
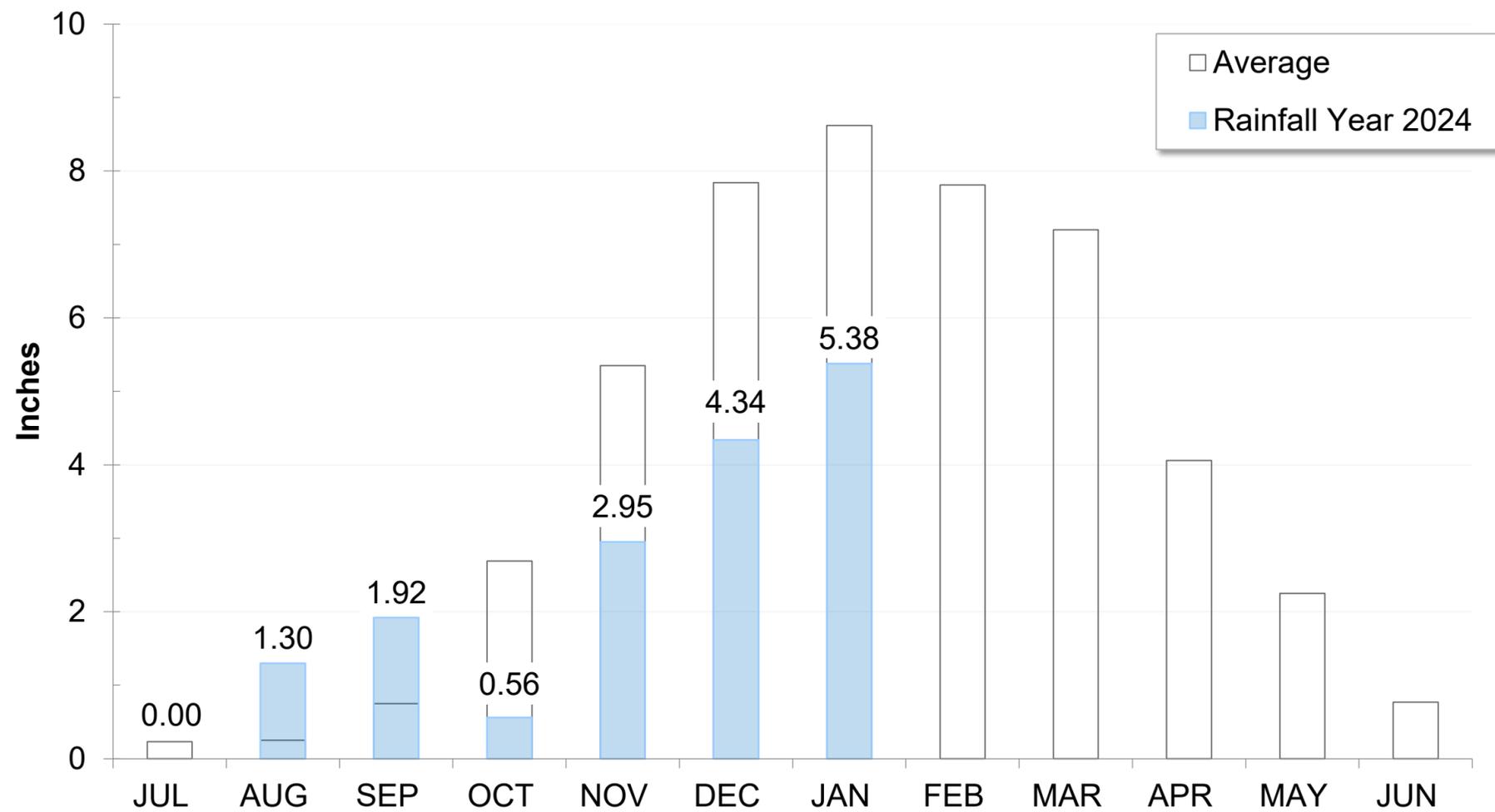
East Bay: 7.12" (55% of average)



San Pablo Reservoir, J. Urness March 2023

Precipitation as of January 17

Mokelumne: 16.45" (74% of Average)



Camanche Reservoir, J. Wood November 2023

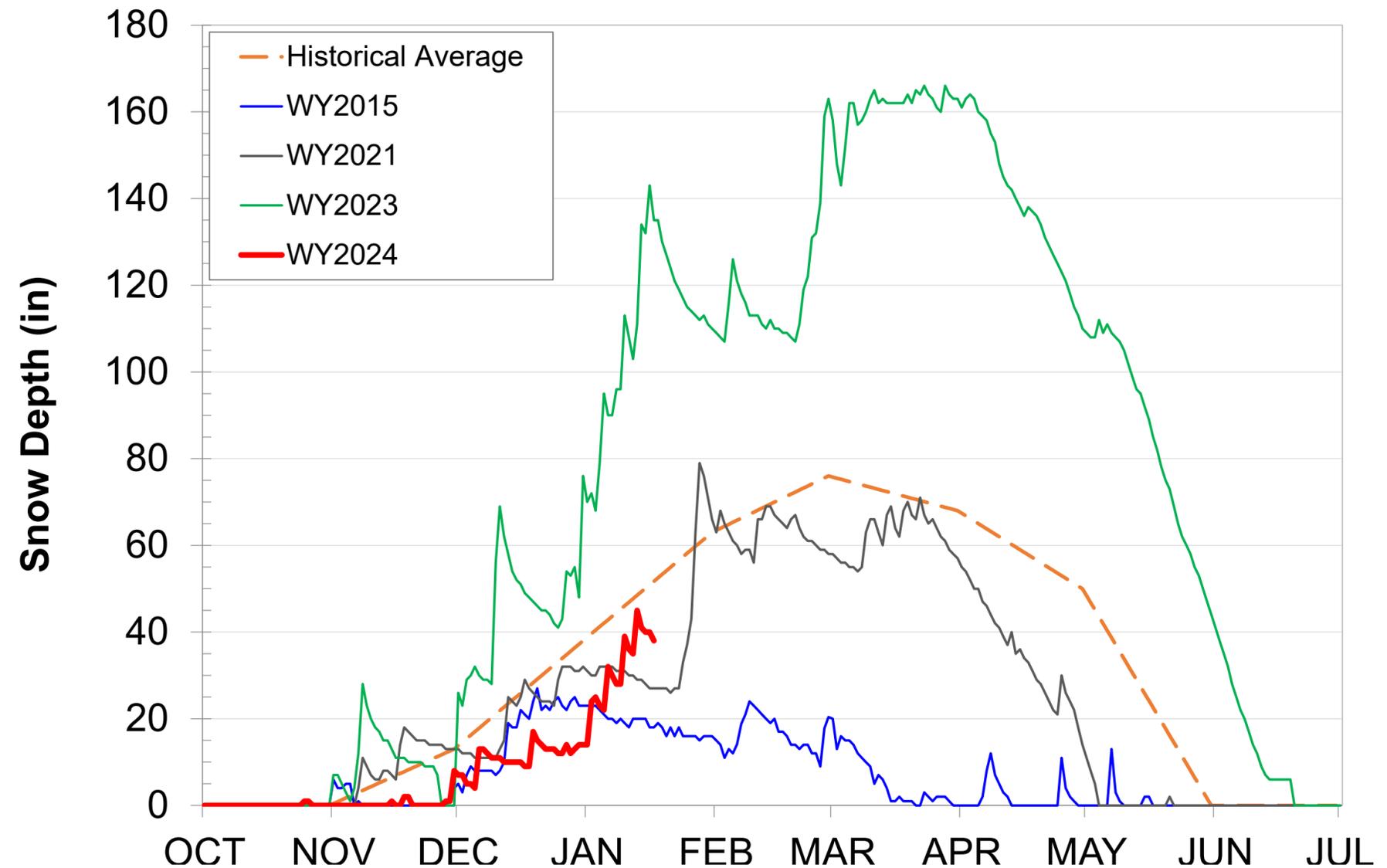
Caples Lake Snow as of January 17

Snow Depth

38" (73% of average)

Snow Water Content

6.27" (39% of average)

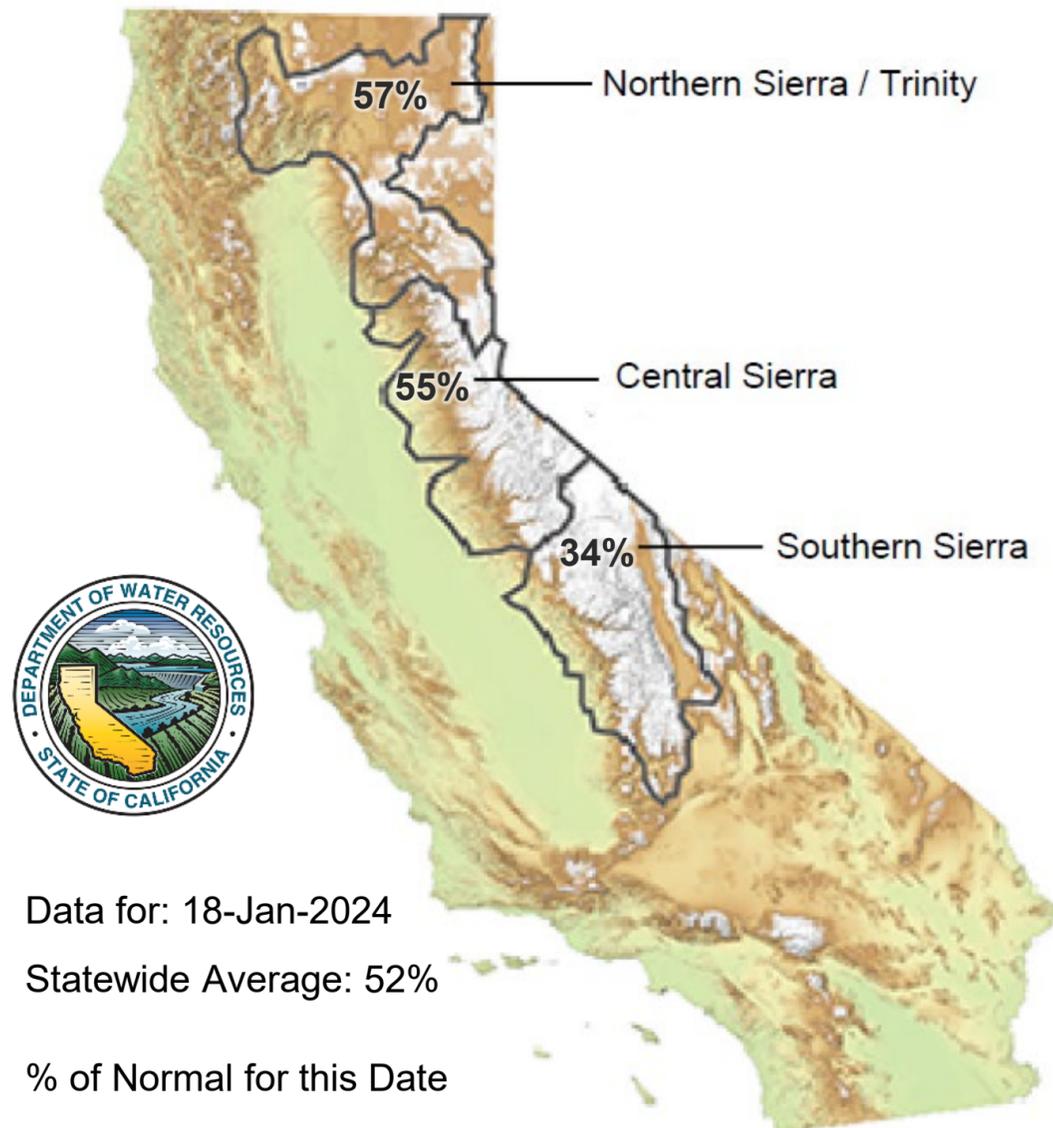


California Water Supply



Snowpack as of January 18

Snow Water Equivalent:
55% in Central Sierra



Data for: 18-Jan-2024

Statewide Average: 52%

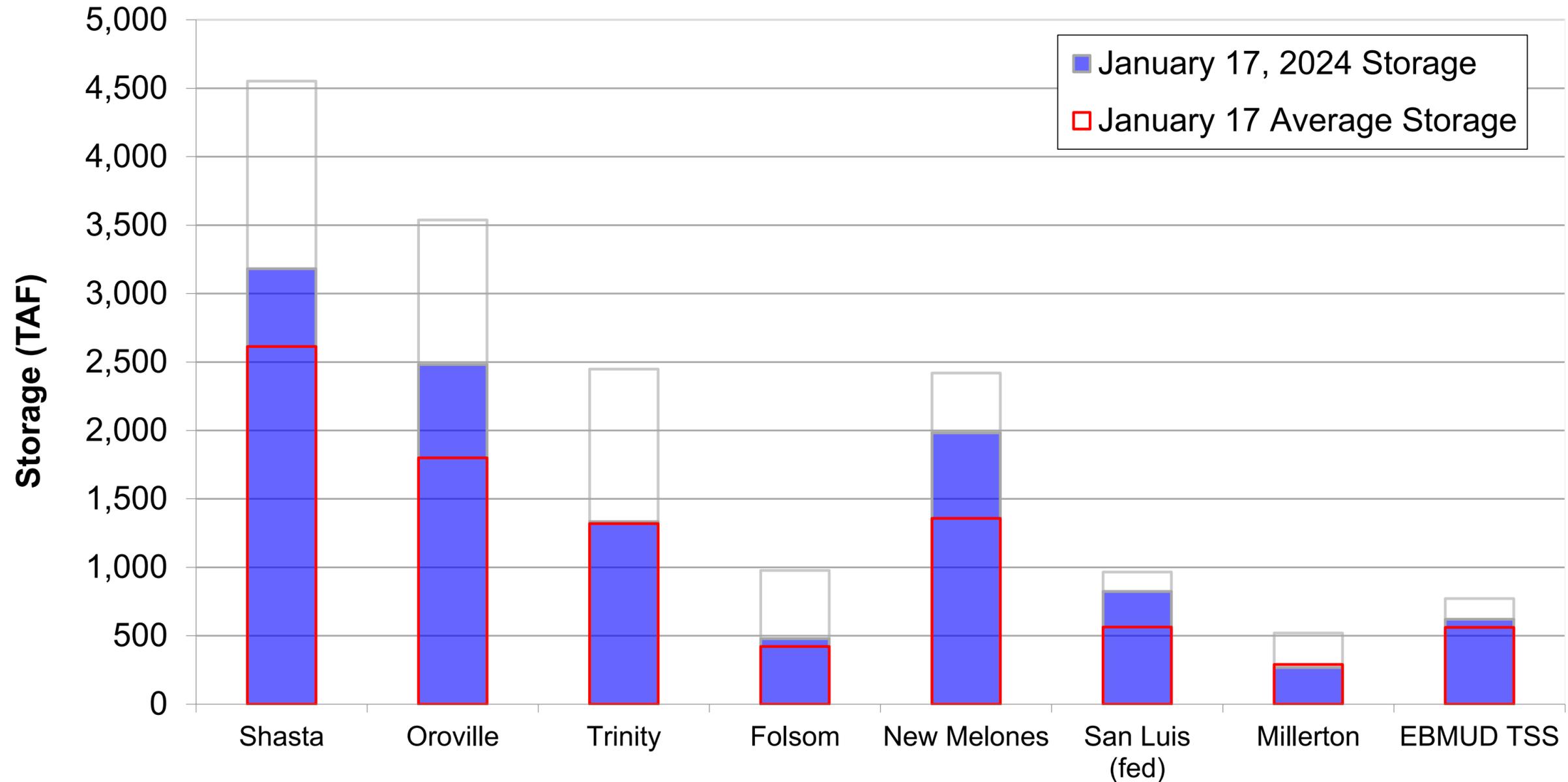
% of Normal for this Date



Bear Valley, D. Briggs - January 2024

Northern California Water Supply

Current vs. Average Storage



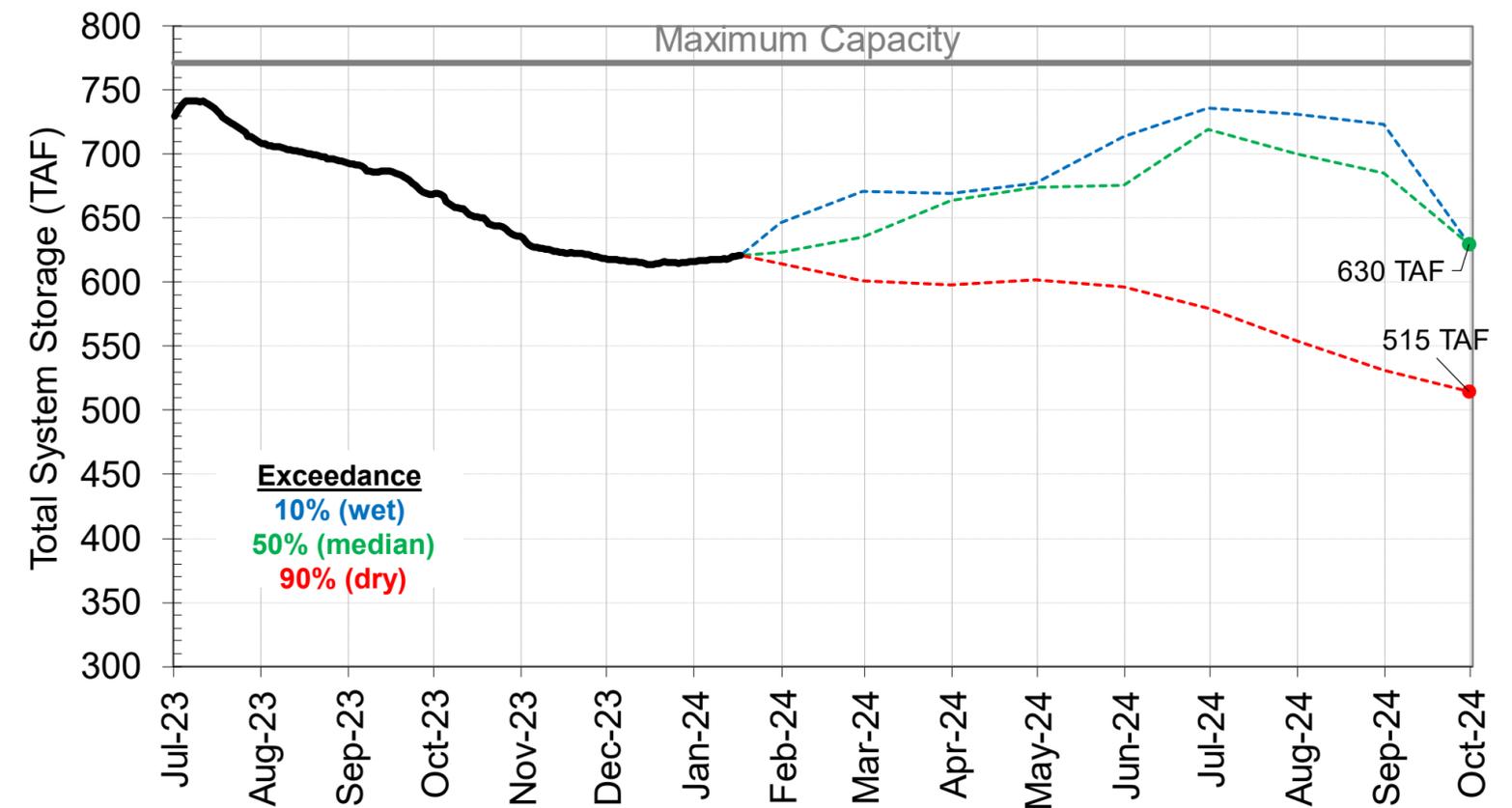
TAF: Thousand Acre-Feet

Water Supply Projections

Total System Storage as of Jan 17

Current: 621 TAF (111% of Average)

Reservoir	Current Storage, TAF	Percent of Average	Percent of Capacity
Pardee	176	99%	87%
Camanche	313	121%	75%
East Bay	132	106%	87%
Total System	621	111%	80%



TAF: Thousand Acre-Feet

Questions?



Camanche Reservoir Release , J. Toone – March 2023



**FLOWING
INTO
THE
FUTURE**

WATER SUPPLY ENGINEERING DAILY REPORT

Wednesday, January 17, 2024

RESERVOIR STORAGE AND ELEVATION

	<u>WATER SURFACE</u>		<u>STORAGE</u>		<u>MAXIMUM CAPACITY</u>		Release	Spill
	Elevation	+Gain	+Gain	Elevation	Storage	Release		
	Feet	-Loss	Ac-Ft	-Loss	Feet	Ac-Ft	Cfs	Cfs
<u>MOKELUMNE</u>								
Pardee	554.75	0.08	176320	170	567.65	203795	547	0
Camanche	220.62	-0.12	312780	-780	235.5	417120	332	0
<u>EAST BAY</u>								
Briones	573.1	0	56840	0	576.14	58960	0	0
Chabot	223.58	0.04	9140	10	227.25	10350	0	0
Lafayette	435.18	0	2640	0	449.16	4250	0	0
San Pablo	300.9	0	28060	0	313.68	37915	0	0
Upper San Leandro	454.44	0.1	<u>34790</u>	<u>70</u>	459.98	<u>38905</u>	0	0
<u>Total East Bay Res.</u>			<u>131470</u>	<u>80</u>		<u>150380</u>		
TOTAL SYSTEM STORAGE			620570	-530		771295		

DISTRIBUTION SYSTEM		
<u>DISTRIBUTION RESERVOIRS</u>		
	Storage	Operating
	MG	Capacity
Today	324	720
Total Previous Day	<u>332</u>	
Total Change	-8	
<u>WATER PRODUCTION AND DEMAND</u>		
	Million Gallons	Capacity MGD
Lafayette WTP	0	25
Orinda WTP	71	190
San Pablo WTP	0	30
Sobrante WTP	19.9	50
Upper San Leandro WTP	0	45
Walnut Creek WTP	22.9	90
<u>TOTAL SURFACE PRODUCTION</u>	113.8	430
Miscellaneous(Estimated)	0.4	
<u>TOTAL WATER PRODUCTION</u>	<u>114.2</u>	
Change in Distribution System	-8	
Wash Water from Distribution Sys.	0.6	
<u>SYSTEM DEMAND</u>		
East-of-Hills Demand	22.5	
West-of-Hills Demand	98.6	

MOKELUMNE SYSTEM		
<u>AQUEDUCT DELIVERIES</u>		
	MG	Flow Conditions
Line 1	30.2	THROTTLE
Line 2	35.3	THROTTLE
Line 3	<u>34.3</u>	<u>THROTTLE</u>
TOTAL	99.8	154 Cfs
<u>FSCC to MOK AQUEDUCTS (Measured at Brandt), MG</u>		
Mok 1	0	
Mok 2	<u>0</u>	
	0 MG	
<u>RIVER FLOWS AND RELEASES</u>		
		Cfs
Mokelumne River Natural Flow		640
Pardee Reservoir Inflow		804
Pardee Release to Camanche Res.		547
Pardee Release to JVID		15
Camanche Release to Mokel. River		332
<u>PG&E CO. STORAGE (Acre-feet)</u>		
	<u>Storage</u>	<u>Change</u>
		Maximum Capacity
Old Reservoirs	6846	-5
Salt Springs Res.	6619	17
Lower Bear Res.	<u>9518</u>	<u>-338</u>
Total	22983	-326

RAW WATER TRANSMISSION		
	INPUT	DRAFT
Briones Res.	0	0
San Pablo Res.	18	65
U. San Leandro Res.	0	0
TOTAL	18	65

PRECIPITATION (Inches)				
<u>STATION</u>	<u>THIS YEAR</u>		<u>AVERAGE YEAR</u>	
	<u>Today</u>	<u>Month</u>	<u>to-Date</u>	<u>to-Date</u>
USL WTP	0.05	3.23	7.86	12.3
Orinda WTP	0.03	3.75	12.17	15.02
Lafayette Reservoir	0.03	2.38	6.37	13.35
Walnut Creek WTP	0.02	2.59	6.61	10.94
Camp Pardee	0.03	2.82	6.63	9.64
Salt Springs P.H.	0.07	5.08	16.06	20.8

REMARKS
 WID Canal Diversion = 0 cfs
 Mokelumne River below WID = 283 cfs

PG&E data as of 4:00 pm previous date.
 All other data as of midnight.
 WTP capacities are sustainable rates.

<u>CAPLES LAKE (7,830 FT) DATA</u>		
	Today	Average
Snow Depth	38 Inches	52 Inches
Water Content	6.3 Inches	16.0 Inches